Contents

Volume 75 | Number 1 | February 1994

Current Status Review
1 Rodent models of alcoholic liver disease
R. Goldin
Current Status Review
9 An evaluation of experimental models of glomerulonephritis
P.N. Furness and K. Harris
23 Langerhans cell migration patterns from sheep skin following topical application of carcinogens
S.J. Ragg, G.W. Dandie, G.M. Woods, P.J. O'Connell and H.K. Muller
29 Specific receptors for dengue virus-induced suppressor cytokine on macrophages and lymphocytes
R. Mukherjee, P. Chaturvedi and U.C. Chaturvedi
37 Idiopathic megacolon in the BB rat
C.J. Meehan, S. Fleming, W. Smith and J.D. Baird
43 Mast-cell histamine is angiogenic through receptors for histamine$_1$ and histamine$_2$
J. Sörbo, A. Jakobsson and K. Norrby
51 An experimental transplantable osteosarcoma with spontaneous pulmonary metastasis in hamsters
M. Sekiguchi, T. Satomura, M. Saegusa, H. Takeuchi, K. Asanuma and T. Shimoda
A1 **British Connective Tissue Society Meeting**

Volume 75 | Number 2 | April 1994

Current Status Review
61 *The clinical virology of hepatitis C virus*
W.L. Irving
Current Status Review
71 The pathogenesis of alcoholic liver disease
R. Goldin
79 Distribution of type IV collagen in pancreatic adenocarcinoma and chronic pancreatitis
C. Soon Lee, J. Montebello, T. Georgiou and J. Rode
85 Pulmonary inflammation induced by repeated inhalations of β(1,3)-D-glucan and endotoxin
B. Fogelmark, M. Sjöstrand and R. Rylander
91 Intracellular location of *Mycoplasma genitalium* in cultured Vero cells as demonstrated by electron microscopy
J.S. Jensen, J. Blom and K. Lind
99 Characterization of a murine model of myocarditis induced by a reactivated Coxsackievirus B3
Hongyi Zhang, C.E. Yousef, Xiaomei Ouyang and L.C. Archard
111 An ultrastructural study of the effect of treatment with atovaquone in brains of mice chronically infected with the ME49 strain of *Toxoplasma gondii*
D.J.P. Ferguson, J. Huskinson-Mark, F.G. Araujo and J.S. Remington
117 Reduced streptozotocin-induced insulitis in CD-1 mice by treatment with anti-intercellular adhesion molecule-1 and anti-lymphocyte function associated antigen-1 monoclonal antibodies together with lactic dehydrogenase virus infection
T. Hayashi, S. Hashimoto and Y. Kameyama
123 Increase of cross(auto)-reactive antibodies after immunization in aged mice: a cellular and molecular study
C. Borghesi and C. Nicoletti
131 Fat-storing cells and myofibroblasts are involved in the initial phase of carbon tetrachloride-induced hepatic fibrosis in BN/BiRij rats
W.F. Seifert, P.J.M. Roholl, B. Blauw, F. van der Ham, C.F. van Thiel-De Ruiter, I. Seifert-Bock, A. Bosma, D.L. Knook and A. Brouwer

Volume 75 | No 3 | June 1994

Current Status Review

147 Towards an understanding of Wilms' tumour
K.A. Williamson and V. van Heyningen

157 Interleukin-1β gene expression in experimental glomerulonephritis in the rat: an in-situ hybridization study
H.T. Cook, C. Avey and G.M. Taylor

165 Clearance of LDH-5 from the circulation of inbred mice correlates with binding to macrophages
T. Hayashi and A.L. Notkins

169 The proliferation of neointimal smooth muscle cells cultured from rabbit aortic explants 15 weeks after de-endothelialization by a balloon catheter
Zhihe Li, M.Z. Alavi and S. Moore

179 Induction of aneurysms in the rat by a stenosing cotton ligature around the inter-renal aorta
M.J. Osborne-Pellegrin, M. Coutard, P. Poitevin, J-B. Michel and B.I. Levy

191 Endotoxin is angiogenic
I. Mattsby-Baltzer, A. Jakobsson, J. Sörbo and K. Norrby

197 Smokeless tobacco induced increases in hepatic lipid peroxidation, DNA damage and excretion of urinary lipid metabolites
M. Bagchi, D. Bagchi, E.A. Hassoun and S.J. Stohs

203 Histological changes in the hamster cheek pouch epithelium induced by topical application of sodium lauryl sulphate
R.J. Veys, J.H. Baer and J.A. de Boever

211 Effect of infection by lactic dehydrogenase virus on expression of intercellular adhesion molecule-1 on vascular endothelial cells of pancreatic islets in streptozotocin-induced insulitis of CD-1 mice
T. Hayashi, S. Hashimoto and A. Kawashima

225 Ultrastructural changes in arteries proximal to short-term experimental carotid-jugular arteriovenous fistula in rabbits
G.T. Jones, W.E. Stehbens and B.J. Martin

Volume 75 | Number 4 | August 1994

Current Status Review

233 Osteogenesis imperfecta: from phenotype to genotype and back again
R. Smith

243 Angiogenesis and reinnervation in skin flaps: the effects of ischaemia examined in an animal model
S. Manek, G. Terenghi, C. Shurey, H. Nishikawa, C. J. Green and J.M. Polak

257 Evaluating the response to antioestrogen toremifene treatment in DMBA induced rat mammary carcinoma
R. Huovinen, P-L.I. Kellokumpu-Lehtinen and Y. Collan

265 Murine macrophage precursor cell lines are unable to differentiate into osteoclasts: a possible implication for osteoclast ontogeny
R.de Grooth, R.H.P. Mieremet, E.W.M. Kawilarang-de Haas and P.J. Nijweide

277 Infection of human monocytes by *Leishmania* results in a defective oxidative burst
J.H. Passwell, R. Shor, J. Smolen and C.L. Jaffe

285 Alpha-2-macroglobulin as the major defence in acute pseudomonal septic shock in the guinea-pig model
M.M.H. Khan, Y. Shibuya, T. Nakagaki, T. Kambara and T. Yamamoto

295 Suppression of development of glomerulonephritis in NZB $\times$ $NZWF_1$ mice by persistent infection with lactic dehydrogenase virus: relations between intercellular adhesion molecule-1 expression on endothelial cells and leucocyte accumulation in glomeruli
Y. Kameyama and T. Hayashi

A47 **Conference on Osteogenesis Imperfecta**

Volume 75 | No 5 | October 1994

305 Cell kinetics and polyamine enzymes in the intestinal mucosa of rats with azoxymethane induced tumours
C. Pizzi, S. Pignata, R. Calderopoli, L. d'Agostino, G. Tritto, G. d'Adamo, G. Esposito, B. Daniele, G. Mazzacca, A.R. Bianco and A. Contegiacomo

313 Expression and localization of sulphated glycoprotein-2 mRNA in the rat incisor tooth ameloblasts: relationships with apoptosis
B.K. Joseph, G.C. Gobé, N.W. Savage and W.G. Young

321 Pulmonary platelet trapping induced by bleomycin: correlation with fibrosis and involvement of the $\beta 2$ integrins
P.F. Piguet and C. Vesin

329 Immunohistochemical and biochemical indicators of muscle damage *in vitro*: the stability of control muscle and the effects of dinitrophenol and calcium ionophore
T.R. Helliwell, M.J. Jackson, J. Phoenix, P. MacLennan, J. West-Jordan and R.H.T. Edwards

345 The development of the endothelin-1-induced gastric ulcer: time sequence analysis of morphologic changes
L. Spyridon, N. Akira, K. Hiromasa, G. Katsutoshi, M. Takao, O. Yoshiki, S. Hideo and F. Hisayuki

357 The myocardial effects of fenoterol, isoprenaline and salbutamol in normoxic and hypoxic sheep
R.J. Pack, M.R. Alley, J.A. Dallimore, K.R. Lapwood, C. Burgess and J. Crane

363 Interferon-γ and polyunsaturated fatty acids increase the binding of lipopolysaccharide to macrophages
H. Darmani, J. Parton, J.L. Harwood and S.K. Jackson

369 Effect of animal age on the uptake of large particulates across the epithelium of the rat small intestine
L. Simon, G. Shine and A.D. Dayan

375 Erythropoiesis in mouse omental milky spots induced by erythropoietin: light and electron microscopic study
K. Hirai, N. Takemori and M. Namiki

A57 **British Connective Tissue Society Meeting, Sheffield**

Volume 75 | Number 6 | December 1994

Review Article

385 Inflammation: John Hunter's *A Treatise on the Blood, Inflammation and Gun-shot Wounds*
J.L. Turk

397 Human mast cells produce type VIII collagen *in vitro*
B. Rüger, P.R. Dunbar, Q. Hasan, H. Sawada, R. Kittelberger, N. Greenhill and T.J. Neale

405 Juxtaposition of peroxisomes and chromosomes in mitotic hepatocytes following methyl clofenapate administration to rats
A.R. Soames and J.R. Foster

415 Cocaine hepatoxicity: a study on the pathogenesis of periportal necrosis
C.J. Powell, S.J. Charles and J. Mullervy

425 Changes in tissue distribution of rat α_1-macroglobulin and pregnancy-associated α_1-glycoprotein after inflammatory injury
N.A. Zorin, S.G. Zhabin, T.I. Belogorlova, T.S. Chirikova, N.A. Krayushkina and O.F. Lykova

433 Ultrastructural alterations of hepatocytes in the tumour-bearing, cachectic rat
T. Makino, Y. Noguchi, T. Ito and A. Matsumoto

441 Suppression of polymorphonuclear leucocyte chemotaxis by *Pseudomonas aeruginosa* elastase *in vitro*: a study of the mechanisms and the correlation with ring abscess in pseudomonal keratitis
Y. Ijiri, K. Matsumoto, R. Kamata, N. Nishino, R. Okamura, T. Kambara and T. Yamamoto

453 *Trypanosoma cruzi*: histopathology of endocrine system in immunocompromised mice
K.S. Calabrese, P.H. Lagrange and S.C. Gonçalves da Costa

A71 **British Connective Tissue Society Meeting, Cardiff**

463 **Notices**

465 **Author Index to Volume 75**